

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-16. (Canceled)

17. (Currently Amended) ~~The~~ A high-pressure fluid nozzle of claim 1,
comprising:

a plurality of segments, each segment having an axial bore extending
therethrough, the bore of each segment being aligned with the bore of each other segment to
form a continuous fluid passage through the plurality of segments, and a containment sleeve
formed around the segments by metal spray forming for coupling the segments together; and

wherein at least one of the segments is spaced axially from an adjacent segment to
form a chamber, and including at least one sensor in the chamber.

18. (Previously Presented) The nozzle of claim 17 wherein the sensor senses
a pressure of a fluidjet.

19. (Previously Presented) The nozzle of claim 17 wherein the sensor senses
a temperature of a fluidjet.

20.-42. (Canceled)

43. (Previously Presented) A high-pressure fluid nozzle comprising:
a plurality of segments, each segment having an axial bore extending
therethrough, the bore of each segment being aligned with the bore of each other segment to
form a continuous fluid passage through the plurality of segments;

a chamber formed between two adjacent segments when at least one of the segments is spaced axially from an adjacent segment to form the chamber;
at least one sensor located within the chamber; and
a containment sleeve for coupling the segments together.

44. (Previously Presented) The nozzle of claim 43 wherein the nozzle has a selected length achieved by coupling together a selected number of the segments each segment having a selected length.

45. (Previously Presented) The nozzle of claim 44 wherein the length of each segment is 0.125-0.75 inch.

46. (Previously Presented) The nozzle of claim 43 wherein the segments are of different inner dimensions.

47. (Previously Presented) The nozzle of claim 46 wherein the inner diameter of an uppermost segment is greater than the inner diameter of the remaining segments.

48. (Previously Presented) The nozzle of claim 43, at least one of the segments spaced axially from an adjacent segment to form a chamber, and including at least one sensor in the chamber.

49. (Previously Presented) The nozzle of claim 48 wherein the sensor senses a pressure of a fluidjet.

50. (Previously Presented) The nozzle of claim 48 wherein the sensor senses a temperature of a fluidjet.

51. (Previously Presented) The nozzle of claim 43 wherein the bores of the segments are of varying diameter.

52. (Previously Presented) The nozzle of claim 51 wherein the bores of the segments near an inlet end of the nozzle are larger than the bores of the segments near a discharge end of the nozzle to form a converging fluid passageway.

53. (Previously Presented) The nozzle of claim 51 wherein the bores of the segments near an inlet end of the nozzle are smaller than the bores of the segments near a discharge end of the nozzle to form a diverging fluid passageway.

54. (Previously Presented) The nozzle of claim 43 wherein the segments are formed from different selected materials to achieve a desired wear performance.

55. (Previously Presented) The nozzle of claim 43, further including a jewel orifice coupled to the nozzle upstream of an inlet end of the nozzle.